

The University of Alberta  
Edmonton  
May 4, 1967

# FOLIO



## Staff news

### FOLINSBEE AWARDED MEDAL

Dr. R. E. Folinsbee, Head of the Department of Geology, has been awarded the Willet G. Miller Medal by The Royal Society of Canada.

Dr. Folinsbee, who is a Fellow of the Society, will be presented with the medal and a cash award at the Society's annual meeting, in Ottawa, June 5. The medal is awarded biennially "to persons resident of North America who have completed and published an outstanding research in geology, palaeontology, mineralogy or allied sciences."

Dr. Folinsbee's research has been in the three related fields of geochemistry: geochronology, ore deposits and meteorites. This has included the dating of the Canadian Shield, the investigation and recovery of meteorites in Canada and the application of isotopic studies to ore deposits.

### CANADA COUNCIL FELLOWSHIPS AWARDED

Three University of Alberta professors have won Senior Fellowships from the Canada Council. They are Dr. C. S. Brant, Head of the Department of Anthropology, Dr. B. L. Evans, Assistant Professor of History, and Dr. J. F. Forrest, Associate Professor of English. Fellowships are for about \$5,000, plus travel expenses where required, and access to an additional \$1,000 for research expenses.

Part of the Council's program of aid to the humanities and social sciences, the fellowships are open to post-doctoral scholars and professors engaged in independent research or other creative scholarship while on sabbatical leave.

Dr. Brant plans to utilize his fellowship in writing the results of previous research on social change in Greenland and in initiating new research on the same subject.

Dr. Evans will do research on the history of Yunnan province in South-West China in the late 19th century. He hopes to be permitted to visit China for the research but will, in any case, be visiting the Far East and Europe.

Dr. Forrest will do research at Cam-

bridge University on seventeenth century Puritan literature.

### AWARDED CANADA COUNCIL GRANTS

Dr. Ronald G. Jones, Associate Professor of Sociology, Dr. Ernest G. Griffin, Associate Professor of English, and Richard Frucht, Assistant Professor of Anthropology, have been awarded short-term Canada Council grants totalling \$7,950.

In addition, Dr. G. D. Killam, on two year's leave of absence from the Department of English and now teaching at the University of Ibadan in Nigeria, was also a recipient.

Dr. Jones received the largest grant, \$4,400, to cover costs of a book of essays on Dr. Ludwig von Bertalanffy, Professor of Theoretical Biology at the University since 1962 and world renowned for his contributions to cytology and cancer detection, biophysics and physiology, metabolism and growth, and systems theory.

Dr. Jones expects to have the book ready for publication by George Braziller, Inc., New York, next year. The fifty or so essays that will comprise the book come from 13 countries, including the Soviet Union, and represent over a dozen different disciplines and specializations. Among the best-known contributors are Buckminster Fuller, Arthur Koestler, Pitirim Sorokin, Kenneth Boulding, and Lancelot Law Whyte.

Dr. Griffin's grant, \$1,400, was also for preparation of a book. It is a biography to be published by Twayne, New York, on John Middleton Murry, one of the leading English critics in the nineteen twenties and thirties. He was the husband of Katherine Mansfield and friend of D. H. Lawrence.

Richard Frucht, Assistant Professor of Anthropology, was awarded \$2,150 for summer research on a West Indies working class. Professor Frucht hopes to be awarded a further Council grant in June of \$10,000 that would allow him to devote the next two years to the work, which will be carried on in the newly-independent country of St. Kitts.

Dr. Killam was awarded \$1,800 in support of a research project on the biography of John Moray Stuart Young.

### WINS DISSERTATION OF YEAR AWARD

Dr. Jean Robertson, Assistant Professor in the Department of Elementary Education, has won the International Reading Association's Outstanding Dissertation of the Year Award for her doctoral thesis on reading comprehension.

Presentation of the award at the Association's convention in Seattle next month will mark the first time the award is made outside the U.S. It was established in 1962.

Advisor on the thesis was Dr. Marion D. Jenkinson, now Director of Curriculum for the Ontario Institute for Studies in Education in Toronto.

The International Reading Association, with some 45,000 members in 50 countries, has as a main aim the improvement of the quality of reading instruction.

### TO ILLINOIS

Professors Lee Lorch, Amram Meir and Ambikeshwar Sharma of the Department of Mathematics will attend a conference on New Directions in Orthogonal Expansions and their Continuous Analogues at Southern Illinois University Edwardsville, Illinois, April 27 to 29. Dr. Lorch will give a lecture on questions concerning the relations between the Lebesgue constants and general properties of summation methods. Dr. Sharma will present a paper written jointly with Dr. Meir entitled "On Polynomial and Power Series Approximations."

### TO MONTANA

Professor Leo Moser of the Department of Mathematics has been selected to give the main address at the far-western sectional meetings of the American Mathematical Society to be held in Missoula, Montana, June 17. Dr. Moser's topic will be "The Second Moment Method in the Theory of Numbers."

### WRITES HISTORY OF MATHEMATICAL CONGRESS

Professor E. S. Keeping of the Department of Mathematics has been invited to write a short history of the formative period of the Canadian Mathematical Con-

W. J. F.  
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gress. His article, "The First Twenty-one Years of the Canadian Mathematical Congress," will appear in a forthcoming issue of the Canadian Mathematical Bulletin.

#### TO WASHINGTON

The Faculty of Dentistry was represented at the 44th Annual Session of the American Association for Dental Schools in Washington, District of Columbia, in March by Dr. H. R. MacLean, Dean of the Faculty; and Dr. R. V. Blackmore, Dr. H. L. Samuels, Dr. G. H. Sperber, Mrs. Margaret MacLean, Dr. D. G. MacGregor and Dr. R. C. McClelland.

In conjunction with this session Dr. K. A. McMurchy, Dr. Sperber and Dr. MacGregor attended a three-day seminar in Oral Pathology at Walter Reed Memorial Hospital.

#### FIVE DENTISTRY PAPERS READ

Five research papers were presented at the 45th General Meeting of the International Association for Dental Research in Washington, District of Columbia, in March by academic staff and undergraduate students of the Faculty of Dentistry.

The papers were "The Relationships of Nerve Endings to Odontoblasts," by R. J. Dmytruk; "Electrophoresis of Serum in Nuclease Studies," by R. V. Blackmore, T. Donovan and J. Pochynok; "A Three Dimensional Photoelastic Investigation of Stress Concentrations in Teeth with Class I and Class II Preparations," by D. J. Gau, E. W. Johnson and G. P. Wysocki; "Influence of Intraperitoneal and Subcutaneous Thrombin Injections on Blood Coagulation and Local Hemostasis in Rats," by Dr. O. N. Lucas and L. M. Uglene; and "Incorporation of  $c^{14}$  Labelled Carbohydrates into Plasma Glycoproteins in the Normal and Diabetic Rat," by B. Urner and Dr. J. Tuba.

#### TO FRANCE

Dr. R. K. Wood, Assistant Professor of Chemical Engineering, has been awarded a National Research Council Travel Grant to attend a conference in Cannes, France, June 5 to 9.

He will attend the Second International Conference of the International Federation of Automatic Control—International Federation of Information Processing on the Application of Digital Computers for Process Control.

#### DRAKE NAMED FOOTBALL COACH

Clare (Ducky) Drake has been named Head Football Coach at the University for the 1967 season. An Associate Professor of Education, Mr. Drake was Head Coach here during 1962, and before that spent three years as an Assistant Coach. He replaces Gino Fracas who leaves for a new university position in Eastern Canada.

#### TO TASMANIA

Dr. Jose Jimenez, Assistant Clinical Professor, School of Rehabilitation Medicine, has been invited to organize and participate in a post graduate course in Hobart, Tasmania, May 25 to 30.

The course in Lower Extremity Prosthetics and Amputee Training is organized by the International Congress of the World Confederation of Physiotherapy. While in Tasmania Dr. Jimenez will deliver the Barbara Mortimer Thomas Lecture at the Royal Hobart Hospital.

#### TO BOLIVIA

Dr. W. B. Rogers, Associate Professor of Agricultural Economics, will spend the next four months in Bolivia as part of a 26-man team studying transportation there under the sponsorship of the Stanford Research Institute. He left April 27.

Dr. Rogers is to be the agricultural economist of the team. He will be concerned primarily with how development of agriculture would affect transportation needs. His base will be La Paz but he will travel extensively throughout the country.

#### TO RECORD INDIAN LANGUAGES

Dr. Morris Swadesh, Visiting Professor in the Department of Germanic Languages and General Linguistics, has been awarded a Canada Council grant of \$7,625 in support of a research project on, "Anthropological Linguistics—North American Indian Languages."

The program entails recording the various languages with the immediate aim being to salvage those close to extinction. The initial emergency work will be done in Western Canada. Dr. Swadesh is from the National University of Mexico.

#### TO STUDY SHORT-TERM MEMORY

Dr. Kellogg V. Wilson has received a National Research Council Grant to do research on short-term memory in the mentally retarded. The grant is for \$8,000 for research designed to clarify the role of short-term memory (memory for information shortly after it has been received) in mental retardation. Dr. Wilson holds a joint appointment as Associate Professor of Computing Sciences and Psychology.

#### ON CLINICAL PSYCHOLOGY COMMITTEE

Dr. Paul C. Sartoris of Student Counseling Services and the Department of Educational Psychology has been nominated to the Corresponding Committee of Fifty of the Division of Clinical Psychology, American Psychological Association. The Committee, which represents a cross-section of clinical psychology, attempts to influence the direction of the profession by studying the problems of training clinical psychologists to fulfill both old and new roles.

#### PESTICIDE WORKSHOP

Dr. W. H. Vanden Born, Associate Professor of Plant Science, participated in a planning meeting and workshop in Ottawa, April 3 to 6 on pesticide behavior, metabolism and degradation, sponsored by the Canadian Department of Agriculture. Status of knowledge and present and anticipated problems regarding pesticides of all sorts was discussed at the meeting, and particular emphasis was given insecticides and herbicides and their residues.

#### ANATOMISTS TO KANSAS CITY

Members of the Department of Anatomy presented papers at the recent Eightieth Session of the American Association of Anatomists in Kansas City.

Dr. L. B. Erikson, Dr. E. O. Hagen and Dr. K. D. McFadden gave papers at scientific sessions and a joint paper was presented by Dr. A. F. Wilson and Dr. E. G. Bertram.

Dr. T. S. Leeson, Department Head, by invitation gave three separate demonstrations on the use of electron microscopy television in the teaching of cytology. Prior to the meeting he gave an assembly lecture at the University of Missouri.

#### TO SAN FRANCISCO

Dr. Bernard Schwartz, Assistant Professor of Elementary Education, participated in the research and development seminars in art appreciation curricula at the National Art Education Association conference in San Francisco in late March.

#### TO DAYTONA BEACH

Dr. S. A. Earl and Dr. L. D. Stewart of the Faculty of Education participated in a four-day clinic on student teaching in Daytona Beach, Florida, April 18 to 22. The clinic was the third of a series of six sponsored by the National Association for Student Teaching.

#### EARLY TEACHING EDUCATION

Dr. M. R. Lupul of the Faculty of Education presented a paper on "Teaching Education and the Roman Catholic Church in the Old North-West Territories, 1884-1903" at the Canadian Association Foundations of Education Conference in Saskatoon on April 17 and 18.

#### F O L I O



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#### TO WINNIPEG

Ram K. Gupta, Assistant Professor of Educational Psychology, and Marshall A. Nay, Associate Professor of Secondary Education, will read papers at the Canadian Council on Research in Education conference in Winnipeg, June 8 to 10. Mr. Gupta's paper is entitled, "Applications of Repeated Measurement Designs in Evaluating Education Experiences or Treatments." Mr. Nay's paper is on "A Study of Discovery Learning in Science in a Simulated Classroom."

#### TO TORONTO

Miss Phyllis Russell, Medical Sciences Librarian in the Cameron Library, gave a paper in Toronto to the Workshop on Dental Libraries sponsored by the Canadian Dental Association, March 6 to 7.

#### TO DALLAS

Dr. H. W. Zingle of the Faculty of Education attended the American Personnel and Guidance Association convention in Dallas, March 20 to 23.

#### PATCHING RE-ELECTED CHAIRMAN

T. H. Patching, Professor of Mining and Metallurgy, was re-elected Chairman of the Coal Division of the Canadian Institute of Mining and Metallurgy at the Institute's recent annual general meeting in Ottawa.

#### New books

A book by Dr. W. W. Rozeboom, Associate Professor of Psychology, entitled *Foundations of the Theory of Prediction* has been published in the Dorsey Series in Psychology. The book provides basic text material for courses of one or two semester length in test theory. It will also have value as a supplementary text for courses in tests and measurements or multivariate analysis. Its level is that of advanced undergraduate or graduate students.

*Sir Walter Scott* by Dr. John Lauber, Assistant Professor of English, has just been issued by Twayne Publishers of New York as a volume in the Twayne English Authors Series.

Dr. Zbigniew A. Konczacki, Associate Professor of Economics, has contributed a chapter on "Banking and Development in Ethiopia" to a book of readings published by D. C. Heath and Co., of Boston, entitled, *Problems of Economic Development* and edited by Sripats Chandrasekhar and Charles W. Hultman.

#### More Mexican books

The value of Canadian books imported by the United States was \$1,376,500 last year, *The Globe and Mail* reported re-

cently in its book section. This is less than the value of Mexican books imported. The value of American books exported to Canada was \$43,480,000.

#### New cereal varieties developed

Two new cereal varieties have been developed by the Department of Genetics, under the direction of Dr. W. E. Smith, and seed will be released to selected growers this spring.

The new oat variety, Grizzly, is a high-yielding, plump-kernelled type similar to the old established variety, Victory, which was also introduced by The University of Alberta. The new barley variety, Centennial, is a high yielding, two-rowed, strong-strawed variety of potential importance where lodging is a problem.

Both new varieties are best adapted to the black and grey soil zones of Alberta.

The oat cross was made in 1956 by field technician Rene Berg who worked under the supervision of Jack Fitzsimmons, Field Superintendent. The barley cross was made in 1953 by Nick Muntjewerff, Field Technician, under the direction of Dr. L. P. V. Johnson, Professor of Genetics. Project co-ordinator was Dr. Smith, Acting Co-head of the department.

#### Expands Ph.D. program

The Department of Elementary Education has been authorized by the General Faculty Council and the Council of the Faculty of Graduate Studies to offer the Ph.D. program in other fields beside reading.

The Department plans to offer mathematics education and language education programs next session. Longer range plans include programs in science, art, social studies, music, and early childhood education.

#### Judging essays

The Department of Anthropology has been designated by the American Ethnological Society to act as a panel of judges to evaluate essays submitted for the Elsie Clews Parsons essay prize. The American Ethnological Society, the oldest professional association of anthropologists in the United States, awards the memorial prize annually for the best essay in any area of anthropology by a graduate student.

#### Education Library addition

Contract for the construction of another storey on the Education Building Library has been awarded Norman Nilsen Construction Ltd. for \$224,858.00.

The library now has a ground floor

plus a basement. The new second floor will house the periodicals department (which presently shares the main floor with the curriculum laboratory) and the Xerox machine and microfilm readers.

#### Graduate wins fellowship

Ian R. McDonald, who graduated in 1964 with first class honors in Classics, has been awarded a fellowship with a potential of \$9,600 from the U.S. Steel Corporation. Mr. McDonald is now working on a Ph.D. in classics at the University of North Carolina. The fellowship is for \$4,800, with access to a further \$4,800 for travel to distant libraries.

#### NRC scholarships received

Three University of Alberta students have been awarded the new 1967 Science Scholarships by the National Research Council of Canada, worth more than \$15,000.

They are Richard Alexander Body, 20, of Calgary (a mathematics student); William Holden Hargrove, 20, of Edmonton (physics); and Dennis Russel Salahub, 20, of Edmonton (chemistry).

The scholarships, which are to be awarded annually, mark the fiftieth anniversary of the Council's scholarship program and the Centennial of Canadian Confederation. They are designed to assist outstanding young Canadians to obtain doctoral degrees in science and engineering.

Recipients receive an annual amount of \$5,000 for a three-year period, with scholarships being renewable for the fourth year, if necessary. Their academic fees and travel costs are also paid by the Council and the university at which they study will receive an annual grant of \$1,500.

#### Few Wilson fellowships here

In the past two decades, The University of Alberta students have won 26 Woodrow Wilson Fellowships, according to information released recently by the Foundation.

This compares (most unfavorably) with 207 from the University of Toronto, 95 from U.B.C., 80 from McGill, 48 from Queen's, and 27 from McMaster University in Hamilton, for the period 1945 to 1966.

An even poorer showing was made by Laval University, where only six Fellowships were awarded.

Of the other Canadian universities, the University of Saskatchewan supplied 20; Sir George Williams, 17; University of Windsor, 12; University of New Brunswick, 8; Loyola College in Montreal, 5; and Toronto's fledgling York University, 2.

The picture from The University of Alberta is unchanged this year: two fellowships have been awarded for the 1966-67 session, according to R. B. Wishart, Administrator of Student Awards. Twenty-four were nominated.

The total number of nominated in North America was 13,500, and some 1,000 awards were made.

The Fellowships are for the first year of post graduate study, which must be at a university other than the student's undergraduate one, and they commit the recipient to teach at college level when finished. They are worth \$2,000 plus tuition and allowance for children.

### *Shevchenko Memorial Lecture*

Dr. John A. Armstrong, Professor of Political Science at the University of Wisconsin and President of the American Association for the Advancement of Slavic Studies, delivered the Shevchenko Memorial Lecture on March 27. He discussed the efforts of the Ukraine to achieve independence during the 1914-1940 period with similar attempts in Slovakia, Croatia, and the Baltic nations, and considered the bases of the nationalist movements in these countries. He is the author of "Ukrainian Nationalism," "The Soviet Bureaucratic Elite," "The Politics of Totalitarianism," and "Ideology, Politics and Government in the Soviet Union," and editor of "Soviet Partisans in World War II."

The Shevchenko Memorial Lecture is sponsored annually by the University's Inter-Departmental Committee on Soviet and East European Studies, and the Ukrainian Professional and Business Men's Club of Edmonton.

### *'University Guide' series begun*

The first *University Guide* is included with this issue of FOLIO. *Guides* are intended primarily for off-campus distribution, but each one, as it is issued will be circulated to members of the staff as part of FOLIO. As the series progresses, the Public Relations Office will be in a better position to field queries from persons interested in the University, and to assist teaching departments to do the same.

Readers should not attempt to divine a scheme in the order *Guides* are issued. We will get them out as we have the information available, and in response to demand. Some *Guides* may provide more sprightly reading than the enclosed; subjects will include campus tourist attractions as well as University organization. Suggestions about the series from members of the staff will be welcomed.

## *Other Universities*

### **NEW PRESIDENT AT WESTERN**

Dr. D. Carlton Williams, Vice-President of the University of Toronto for Scarborough and Erindale Colleges, has been appointed President and Vice-Chancellor of the University of Western Ontario. He succeeds Dr. G. Edward Hall, 60, who is retiring at his own request June 30.

Dr. Williams, 54, is a native of Winnipeg. He studied at the Universities of Manitoba and Toronto, and taught psychology at both those institutions. He has also served with the National Research Council of Canada and the RCAF, and is a pioneer in educational television.

### **LAW SCHOOL FOR WINDSOR**

A law school will be established at the University of Windsor, it was announced recently by Dr. J. F. Leddy, President of the University. Classes will begin in 1968, and 75 or 80 students are expected in the first year class. A Dean and a Librarian will be appointed before September.

### **STUDENT RESIDENCES FOR GUELPH**

The University of Guelph has announced it will build a student residence that will house 1,662 and cost \$13,000,000. The complex is said to be the largest student housing facility in Canada, and is the first project of the Ontario Student Housing Corporation, a provincial government body. Part of the residence will be in use in 1968. Student residence fees will repay the Corporation's investment in 50 years.

### **MATHEMATICS FACULTY FORMED**

A Faculty of Mathematics, said to be the world's first, has been organized at the University of Waterloo. When it begins operation in September, about 90 professors and lecturers, and 1,400 students, are anticipated. Dean is Dr. David A. Sprott, and Associate Deans are Dr. Kenneth D. Fryer and Dr. C. F. Arthur Beaumont. The Faculty will be divided into five departments, including computer science. Its specialized graduates will receive Bachelor and Master of Mathematics, as well as Master and Doctor of Philosophy, degrees.

### **REHABILITATION INSTITUTE AT CALGARY**

A rehabilitation and research centre for the developmentally handicapped is to be built in The University of Calgary's Research District north of the campus. Service features of the Institute will include vocational training and rehabilitation services for approximately 150 young adults per year. Staff members of the Department of Psychology and the Department of Educational Psychology will participate in the supervision of programs and the carrying out of research projects. The

provincial government has agreed to spend \$1,180,000 on the Centre, and the federal government and the Canadian Association for Retarded Children will also contribute.

### **DR. TRUEMAN RETIRING**

The retirement of Dr. A. W. Trueman, 65, as Dean of University College at the University of Western Ontario was announced recently. He has had a long and distinguished career, and has been President of the University of Manitoba and the University of New Brunswick, Director of the Canada Council and Chairman of the National Film Board of Canada.

## *Visitors to the University*

### **SOVIET PSYCHOLOGY DISCUSSED**

Dr. Josef Brozek gave a special lecture on "Soviet Psychology" here on March 31. He is Research Psychologist at Lehigh University, Bethlehem, Pennsylvania, and a contributor on psychological practices in the Soviet Union to several American psychology journals. The lecture was sponsored by the Department of Educational Psychology.

### **READING SPECIALIST HERE**

Dr. G. Space, Director of the Reading Laboratory and Clinic of the University of Florida, visited the Faculty of Education in March and lectured for graduate students and staff on reading.

### **TORONTO EDUCATIONALIST HERE**

Dr. Kenneth O. May of the University of Toronto spoke at the Faculty of Education recently on the topic, "Development of Linear Algebra."

## *Canoe Club to meet*

The University Outing and Canoe Club will meet May 5, at 7:30 p.m. in Room 132, Corbett Hall. Plans for family and adventure trips will be discussed. The Club is open to any member of the staff, and interested persons may telephone J. C. Hackler, local 3322, or J. T. Ryan, local 3571.

## *Personal notices*

*Staff members may forward notices to reach the Editor two weeks prior to publication. They must be typed, and not exceed 35 words (including heading). Advertisements received will be published at the Editor's discretion.*

**FOR SALE**—Comfortable, older semi-bungalow on north side; three bedrooms, den, separate dining room, open fireplace. Corner lot 70 by 100 with large trees, cedar fence. Ten minutes drive from University. \$20,500. Available September 1. Telephone 482-2162.

**FOR SALE**—Vacant lake shore lot at Sandy Lake, west of St. Albert 0.43 acres, \$350. Dr. E. O. Hohn, Physiology Department, home telephone 439-8354.